

Training objective:

To train the students on the design and development of Printed Circuit Boards (PCBs) for developing the Flexible/Wearable devices. This workshop is an invaluable resource for those who are passionate towards learning the PCB design. Designing a PCB is not something you will do in a couple of hours. It is a highly technically learned skill that will take years to master. The Workshop will provide the basics of PCB design as well as more advanced topics. This workshop focuses on advanced topic of PCB design along with fabrication process. Each participant will involve in circuit Schematic construction, Netlist creation, track designing, Gerber file generation, easy-CAD, CAM-Auto and PCB printing.

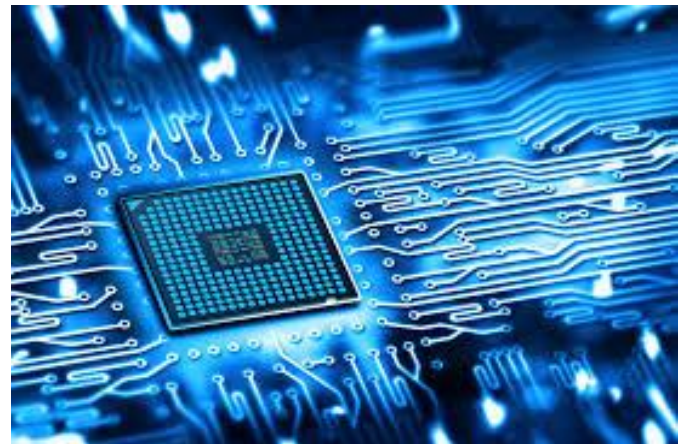
About the Training:

A printed circuit board, or PCB, is used to mechanically support and electrically connect electronic components using conductive pathways, tracks or signal traces printed using Auto-lab on copper conductive sheets and PTH. In the recent past, the printed circuit boards are used in virtually all but the simplest commercially produced electronic devices, and allow fully automated assembly processes that were not possible or practical in earlier era tag type circuit assembly processes. Consumers are driving industry growth with a desire for cool products. Great technology is no longer enough to differentiate a product. It must be squeezed into a "cool" package in order to sell. This has an effect on everything inside the box – including the PCB, the chips and what's packaged on the chips.



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Vellore Institute of Technology
(Deemed to be University under section 3 of UGC Act, 1956)

Hands-on Training **In** **Design and Fabrication of PCBs** **using Auto-lab** **(VAP)**



22nd & 29th February 2020
14th & 21st March 2020



TT 312 & TT 705

Organised by:

**Department of Sensor and Biomedical
Technology**

School of Electronics Engineering

Vellore Institute of Technology

Vellore-632014



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Hands-on Training

In

**Design and Fabrication of PCBs
 using Auto-lab**

22nd & 29th February 2020

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Registration Form

Name:

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Reg. No:.....

Programme:.....

Branch:.....

Affiliation:.....

.....

Address:.....

.....

Mobile Number:.....

E-mail ID:

Online Transaction No.:

To register for the programme, please send the above details along with online transaction number through email to the coordinator on or before 20th February 2020. Registration is open until seats are filled. Payment should be made through only online using the link below.

http://info.vit.ac.in/Events-VIT/PCB_Autolab/apply.asp

Signature of the Participant

Coordinators & Resource Persons:

Dr. J. Kathirvelan,

Associate Professor,

School of Electronics Engineering,

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Vellore 632 014

Tamilnadu, India.

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Dr. Elizabeth Rufus,

Professor,

School of Electronics Engineering,

Vellore Institute of Technology,

Vellore 632 014

Tamilnadu, India

Registration Fee:

Research Scholars/Students: **Rs.450 +18% GST (Rs. 531/-)**

How to Register:

To register for the programme, please send the details along with online transaction number through email to the coordinator (j.kathirvelan@vit.ac.in) on or before 20th February 2020. Registration is open until seats are filled. Payment should be made through only online using the link below.

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Target Groups:

Research Scholars/Post graduate/Under graduate Students

